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United States Patent [19][11] **Patent Number:** **5,863,927**

Smith et al.

[45] **Date of Patent:** **Jan. 26, 1999****[54] DEXTROMETHORPHAN AND AN OXIDASE INHIBITOR FOR TREATING INTRACTABLE CONDITIONS**[75] **Inventors:** **Richard Alan Smith**, La Jolla;
Jonathan M. Licht, San Diego, both of Calif.[73] **Assignee:** **Center for Neurologic Study**, La Jolla, Calif.[21] **Appl. No.:** **464,792**[22] **PCT Filed:** **Sep. 22, 1994**[86] **PCT No.:** **PCT/US94/10771**§ 371 Date: **Sep. 19, 1996**§ 102(e) Date: **Sep. 19, 1996**[87] **PCT Pub. No.:** **WO96/09044****PCT Pub. Date:** **Mar. 28, 1996**[51] **Int. Cl.⁶** **A61K 31/44; A61K 31/265; A61K 31/135**[52] **U.S. Cl.** **514/289; 514/305; 514/491; 514/649; 514/651; 514/652; 514/654**[58] **Field of Search** **514/289, 305, 514/491, 652, 654, 649, 651****[56] References Cited****U.S. PATENT DOCUMENTS**

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[57]

ABSTRACT

SA Methods are disclosed for increasing the effectiveness of dextromethorphan in treating chronic or intractable pain, for treating tinnitus and for treating sexual dysfunction comprising administering dextromethorphan in combination with a therapeutically effective dosage of a debrisoquin hydroxylase inhibitor. A preferred combination is dextromethorphan and the oxidative inhibitor quinidine.

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(22 Claims, 1 Drawing Sheet)

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